

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF A EXISTING TRAFFIC SIGNAL AT MD 528 (COASTAL HIGHWAY.) AND CONVENTION CENTER DRIVE IN WORCHESTER COUNTY. THE EXISTING LOOP DETECTORS FOR THE LEFT TURN FOR MD 528 AND THE PRESENCE DETECTION OF THE SIDE ROAD FOR CONVENTION CENTER DRIVE SHALL BE REMOVED. NEW OVERHEAD VIDEO DETECTION CAMERA'S SHALL BE INSTALLED TO THE MAIN ARM OF MD 528 AND THE MAIN ARM FOR CONVENTION CENTER DRIVE FOR THE ACTUATION OF LEFT TURN FOR NORTHBOUND MD 528 AND FOR THE SIDE STREET PRESENCE DETECTION OF CONVENTION CENTER DRIVE.

INTERSECTION OPERATION

A CONTROLLER HOUSED IN AN EXISTING BASE MOUNTED CABINET IS INSTALLED AT THIS LOCATION. THE INTERSECTION OPERATES IN A FULLY ACTUATED MODE USING 4 NEMA PHASES. VIDEO DETECTION CAMERAS SHALL BE INSTALLED AT THIS LOCATION FOR THE ACTUATION OF A LEFT TURN FOR THE MAINLINE (MD 528 COASTAL HIGHWAY) AND THE SIDE STREET PRESENCE DETECTION OF CONVENTION CENTER DRIVE.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:
 MR. GENE COFIELD, ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (410) 677-4040
 MR. JAMES R. WRIGHT, ASSISTANT DISTRICT ENGINEER-MAINTENANCE
 PHONE: (410) 677-4010
 MS. RAVINDRA GANVIR, ASSISTANT DISTRICT ENGINEER- CONSTRUCTION
 PHONE: (410) 677-4020
 MR. BRUCE W. POOLE, UTILITY ENGINEER
 PHONE: (410) 677-4082
 MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
 PHONE: (410) 787-7630

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING STANDARD PLATES FOR TRAFFIC CONTROL.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

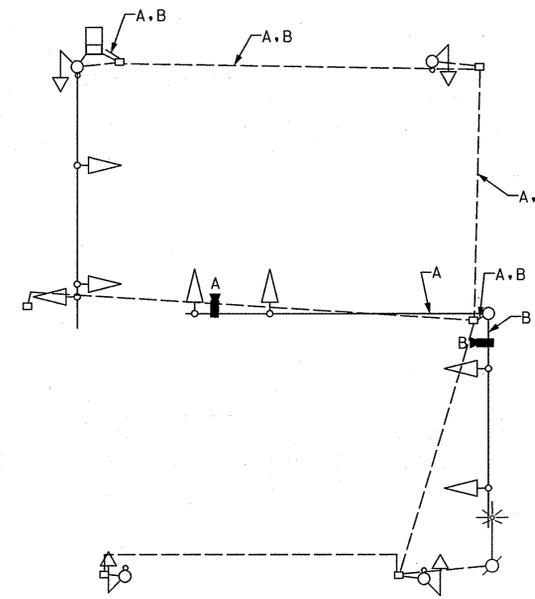
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS	EA	1

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC PER ASSIGNMENT	EA	*
8004	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT	EA	*
8026	VIDEO DETECTION CAMERA	EA	2
8027	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER	EA	2

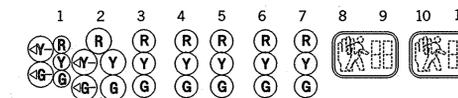
C. MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



KEY
 A } VIDEO DETECTION CABLE
 B }

PHASE CHART



	←GR	←GR	R	R	R	R	R	R	DW	DW	DW	DW	
PHASE 1 AND 5													
1 CHANGE TO 1 AND 6, OR 2 AND 6													
PHASE 1 AND 6	←GG	←GG	G	R	R	R	R	R	DW	DW	DW	DW	
1 AND 6 CHANGE	←YG	←YG	G	R	R	R	R	R	DW	DW	DW	DW	
PHASE 2 AND 6	G	G	G	G	G	R	R	R	DW	DW	DW	DW	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	DW	DW	DW	DW	
PHASE 4	R	R	R	R	R	G	G	G	DW	DW	DW	DW	
4 CHANGE	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	
PHASE 4 ALT	R	R	R	R	R	G	G	G	WK	WK	WK	WK	
PED CLEARANCE	R	R	R	R	R	G	G	G	FLDW	FLDW	FLDW	FLDW	
4 ALT CHANGE	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	
FLASHING OPERATION	FLY	DARK	DARK	DARK	DARK								

TOD No: AT725-12
 SHA No: WO440A52/B52
 MD 528: 26th Street to 65th Street

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
**MD 528 (COASTAL HIGHWAY) AT
 CONVENTION CENTER DRIVE**
 OCEAN CITY, MARYLAND

GENERAL INFORMATION PLAN

SCALE N.T.S. DATE 08/24/07 CONTRACT NO. AT725185

DESIGNED BY S. SMITH COUNTY WORCESTER
 DRAWN BY J. WOOD LOGMILE 23052805.99
 CHECKED BY J. WEAVER T.I.M.S. NO. H928
 F.A.P. NO. TOD NO.

TS NO. 575J DRAWING 2 OF 2 SHEET NO. 10 OF 16

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